Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Monday 21 Feb 2022 until 23:59 on Tuesday 22 Feb 2022

Forecast Issued on Sunday 20 Feb 2022 at 16:12

Confidence: High confidence for very strong winds on Monday and generally an unsettled week with periods of very strong winds and wintry showers.

Headline for Monday 21 Feb 2022: Storm force winds on the mountains slowly easing and becoming drier later with some sunshine.

Mountain weather hazards on Monday 21 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Medium Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Sleet showers (night)	Dull	Sleet showers	Cloudy	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
60%	50%	30%	40%	20%	20%	20%	20%

Forecast for Monday 21 Feb 2022

Weather: A very hazardous night on the mountains with storm force gusts on the summits and severe gales widely. Frequent squally, wintry showers. Showers continuing in the early part of the day but turning to sleet or rain and any wintriness becoming confined to the highest summits. Remaining very windy with a significant wind chill and very tricky walking conditions during the morning. Conditions will slowly improve in the afternoon with some brightness and sunny spells and winds slowly easing. Turning milder later as winds back southwesterly and cloud increases as the next frontal rain approaches from the west. Rain affecting the northwest around Snowdon by late evening.

Chance of cloud-free hill tops above 800m: At daybreak 30% but cloud lifting and breaking, 90% by early afternoon.

Low Cloud and visibility: Overnight and around dawn broken low cloud layers are expected from 400m and above. These will soon lift and clear after daybreak becoming patches around 700m in the morning, general visibility will be moderate or poor in any wintry showers but quickly improve, becoming good or very good by mid morning. Mostly clear summits in the afternoon, with just a few patches and excellent overall visibility.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 21 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	56/67 W	65/79 W	69/85 W	59/73 NW	47/59 NW	35/44 NW	33/41 NW	22/27 W	35/43 SW
600	40/50 W	46/59 W	51/65 W	43/56 NW	35/46 NW	26/35 NW	21/29 NW	14/19 SW	23/30 SW
300	27/45 W	31/53 W	35/59 W	29/50 NW	25/42 NW	18/31 NW	14/26 NW	8/17 W	14/26 S
Valley	28/45 W	32/53 W	36/60 W	30/51 NW	26/43 NW	19/31 NW	14/26 W	8/17 W	15/26 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-16	-3/-15	-1/-12	0/-10	1/-8	1/-7	1/-7	1/-6	1/-6
600	-1/-10	0/-9	2/-7	3/-5	4/-3	4/-2	4/-2	3/-1	3/-3
300	2/-5	3/-4	4/-3	6/-0	7/1	7/3	6/2	6/3	5/1
Valley	3/-3	4/-2	6/-1	7/2	8/3	8/5	7/4	7/4	6/3
Freezing Level*	300m	500m	800m	900m	1000m	1000m	1000m	900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extremely unpleasant conditions on the mountains overnight and in the morning with storm force winds and squally wintry showers, a severe wind chill is expected. Freezing level will lift on Monday with snowmelt expected at lower levels which will make conditions very slippery underfoot and watercourses are likely to swell.

Forecast for Tuesday 22 Feb 2022

Weather: Light and patchy rain expected overnight and in the early morning. Remaining quite cloudy during the morning with areas of low cloud. A period of heavier rain is expected for a time in the morning, this will clear south by lunchtime with some brighter conditions in the afternoon. However some blustery showers are possible driven on the strong northwesterly winds. Showers likely to be wintry only on the highest summits.

Maximum wind: Southwesterly 35-40mph with gusts 50-55mph, veering westerly 25-30mph with gusts 40mph later.

Chance of cloud-free hill tops above 800m: 30% at first on Tuesday with broken low cloud around the hills associated with milder air and rain. Improving to 80% with patches of lower cloud tied in with any passing showers in the afternoon.

Low Cloud and visibility: Broken cloud above 500m at first on Tuesday and visibility moderate at best, perhaps poor in heavier rain in the morning. Visibility will become very good in the afternoon but perhaps dipping moderate or poor in any passing showers but this will be short lived. Cloud bases mainly above the summits in the afternoon.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius
At 800m: Plus 3 Celsius falling to Minus 1 Celsius.
Freezing level: Above summits falling to 800m

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Mountain Weather Forecast

Ground Conditions Supplement
Please see - https://www.eryri.llyw.cymru/visiting/walking/ground-conditions
Issued at: 1612 on Sun 20 Feb 2022

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